

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	Not Assigned
				Filing Date	August 21, 2001
				First Named Inventor	Gruis et al.
				Group Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	1	of	3	Attorney Docket Number	

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08/21/01

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		Number	Kind Code (if known)			
B	1	6,087,558		Howard et al.	07-11-2000	All

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
B	2	WO	95/07993		Smart et al.	03-23-1995	All	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
B	3	D'HONDT et al., "An Aspartic Proteinase Present in Seeds Cleaves <i>Arabidopsis</i> 2 S Albumin Precursors <i>In Vitro</i> ," <i>The Journal of Biological Chemistry</i> , October 5, 1993, pp. 208884-20891, Vol. 268, No. 28.			
	4	D'HONDT et al., "Aspartic Proteinase Genes in the Brassicaceae <i>Arabidopsis thaliana</i> and <i>Brassica napus</i> ," <i>Plant Molecular Biology</i> 1997, pp. 187-192, Vol. 33			
	5	ELLGAARD et al., "Setting the Standards: Quality Control in the Secretory Pathway," <i>Science</i> , December 3, 1999, pp. 1882-1888, Vol. 286			
	6	HERMAN et al., "Protein Storage Bodies and Vacuoles," <i>The Plant Cell</i> , April 1999, pp. 601-613, Vol. 11			
	7	HIRAIWA et al., "Vacuolar Processing Enzyme is Self-catalytically Activated by Sequential Removal of the C-terminal and N-terminal Propeptides," <i>FEBS Letters</i> 1999, pp. 213-216, Vol. 447			
	8	JUNG et al., "Site-Specific Limited Proteolysis of Legumin Chloramphenicol Acetyl Transferase Fusions <i>In Vitro</i> and in Transgenic Tobacco Seeds," <i>Journal of Experimental Botany</i> , January 1993, pp. 343-349, Vol. 44, Supplement			
	9	JUNG et al., "The Role of Proteolysis in the Processing and Assembly of 11S Seed Globulins," <i>The Plant Cell</i> , March 1998, pp. 343-357, Vol. 10			

Examiner Signature	<i>[Signature]</i>	Date Considered	7/8/03
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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B	10	KINOSHITA et al., "The Sequence and Expression of the $\gamma$ -VPE Gene, One Member of a Family of Three Genes for Vacuolar Processing Enzymes in <i>Arabidopsis thaliana</i> ," <i>Plant Cell Physiol.</i> 1995, pp. 1555-1562, Vol. 36, No. 8		
	11	KINOSHITA et al., "Vacuolar Processing Enzyme is Up-regulated in the Lytic Vacuoles of Vegetative Tissues during Senescence and Under Various Stressed Conditions," <i>The Plant Journal</i> 1999, pp. 43-53, Vol. 19, No. 1		
	12	NISHIMURA et al., "Proglobulin Processing Enzyme in Vacuoles Isolated from Developing Pumpkin Cotyledons," <i>Plant Physiol.</i> 1987, pp. 440-445, Vol. 85		
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	14	NISHIMURA et al., "Vacuolar Processing Enzyme Responsible for Maturation of Seed Proteins," <i>J. Plant Physiol.</i> , 1995, pp. 632-640, Vol. 145		
	15	MUNTZ et al., "Synthesis, Processing, and Targeting of Legume Seed Proteins," <i>Proc Phytochem Soc Eur</i> 1993, pp. 128-146, Vol. 35		
	16	MUNTZ, "Deposition of Storage Proteins," <i>Plant Molecular Biology</i> 1998, pp. 77-99, Vol. 38		
	17	NIELSEN et al., "Synthesis and Assembly of 11S Globulins," <i>J. Plant Physiol.</i> 1995, pp. 641-647, Vol. 145		
	18	SAALBACH et al., "Stable Expression of Vicilin from <i>Vicia faba</i> with Either Additional Single Methionine Residues but Failure of Accumulation of Legumin with an Attached Peptide Segment in Tobacco Seeds," <i>Molecular Breeding</i> 1995, pp. 245-258, Vol. 1		
	19	SCOTT et al., "A Protease Responsible for Post-translational Cleavage of a Conserved Asn-Gly Linkage in Glycinin, the Major Seed Storage Protein of Soybean," <i>Proc. Natl. Acad. Sci. USA</i> , January 1992, pp. 658-662, Vol. 89		
	20	VITALE et al., "The Endoplasmic Reticulum-Gateway of the Secretory Pathway," <i>The Plant Cell</i> , April 1999, pp. 615-628, Vol. 11		

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Examiner Signature		Date Considered	7/18/03
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